

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016932.D
 Acq On : 15 Jun 2020 13:28
 Operator : SY/MD
 Sample : L2947-01DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE0DL

Quant Time: Jun 16 05:49:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106247	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.92%
7) Chloroethane-d5	1.55	69	55522	36.98	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.96%
11) 1,1-Dichloroethene-d2	2.11	63	141877	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.90	46	163390	88.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.23%
24) Chloroform-d	4.37	84	221970	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
26) 1,2-Dichloroethane-d4	5.05	65	159941	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.07	84	438185	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.09	67	137271	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.50%
41) Toluene-d8	7.34	98	404258	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.64	79	70872	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.11	63	100576	76.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176553	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	179000	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

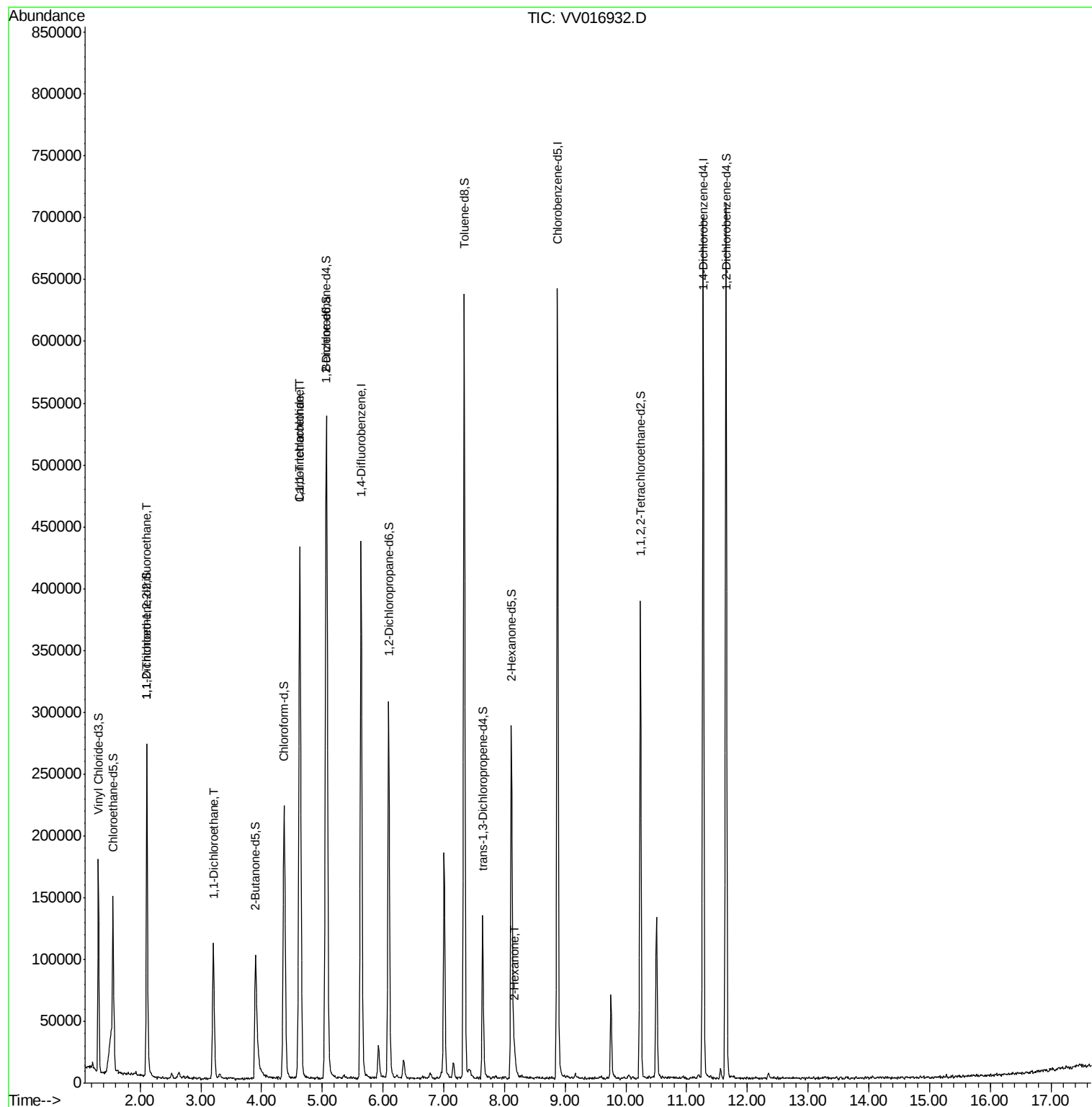
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1287	0.683 ug/L #	17
19) 1,1-Dichloroethane	3.21	63	106807	23.646 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	345740	81.182 ug/L	99
31) Carbon tetrachloride	4.63	117	41969	11.391 ug/L	98
48) 2-Hexanone	8.17	43	9994	3.540 ug/L #	81

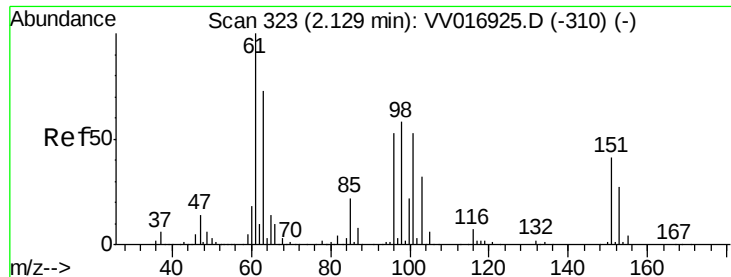
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.683 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016932.D

Acq: 15 Jun 2020 13:28

Instrument :

MSVOA_V

ClientSampleId :

BFXE0DL

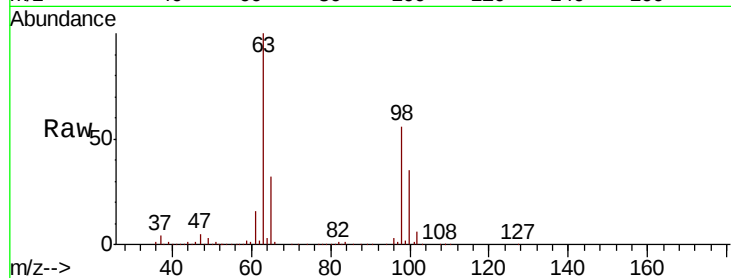
Tot Ion:101 Resp: 1287

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

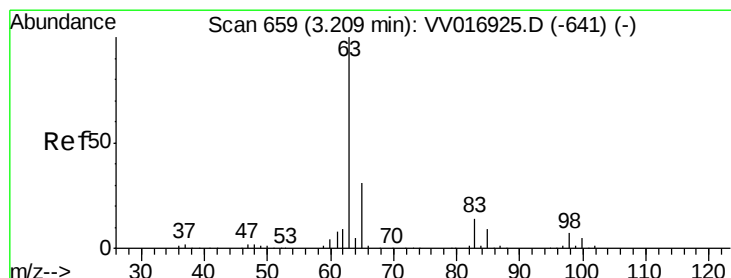
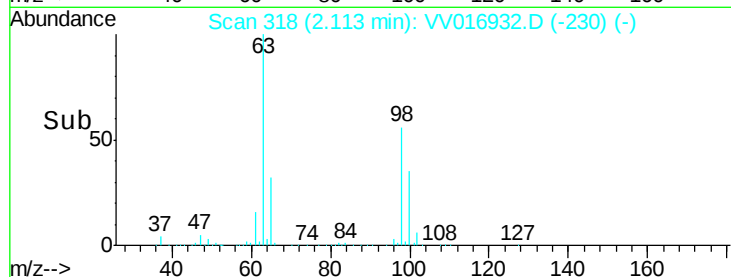
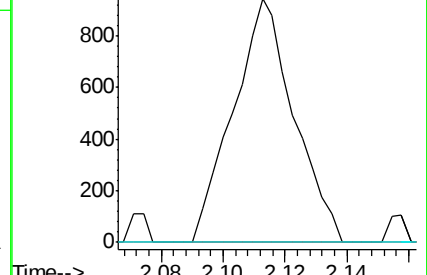
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#19

1,1-Dichloroethane

Concen: 23.646 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

Lab File: VV016932.D

Acq: 15 Jun 2020 13:28

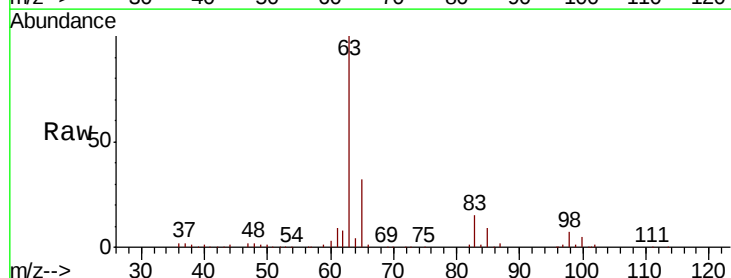
Tgt Ion: 63 Resp: 106807

Ion Ratio Lower Upper

63 100

65 32.3 23.2 43.0

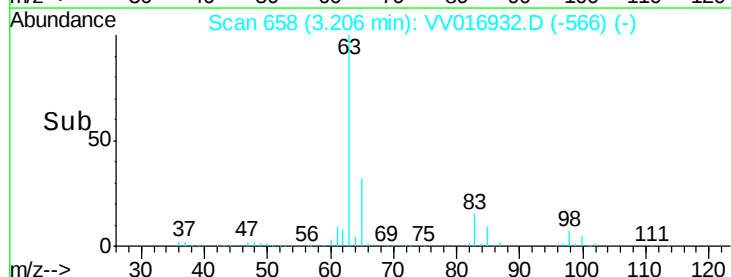
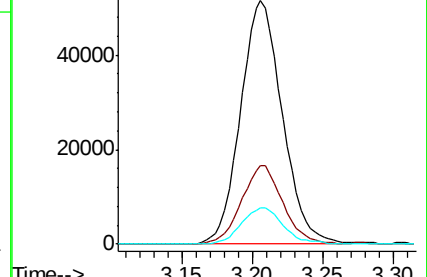
83 14.8 10.0 18.6

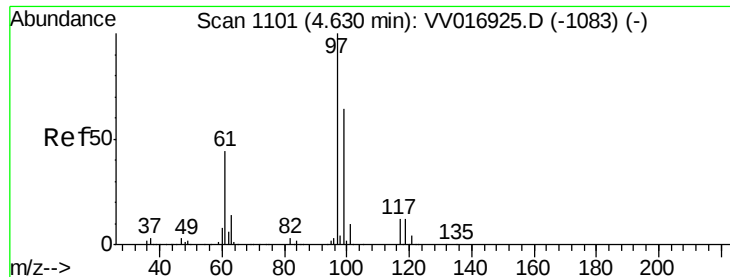


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

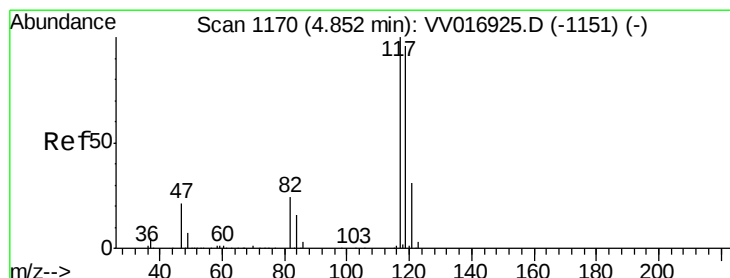
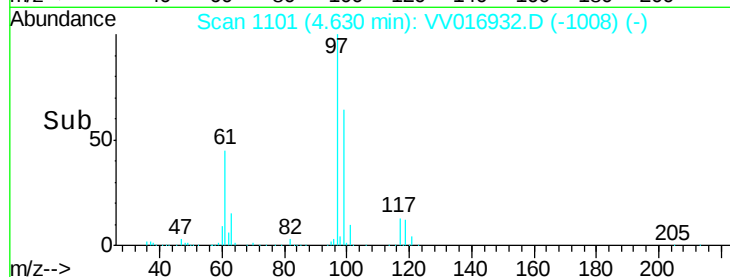
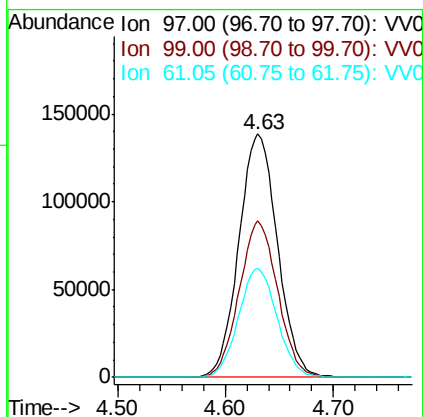
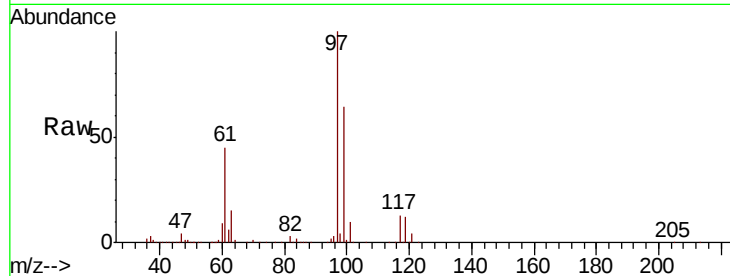




#30
 1,1,1-Trichloroethane
 Concen: 81.182 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: VV016932.D
 Acq: 15 Jun 2020 13:28

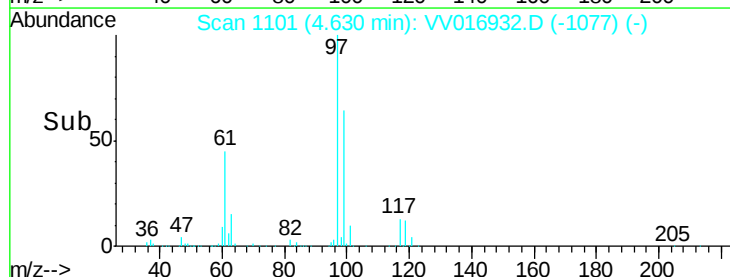
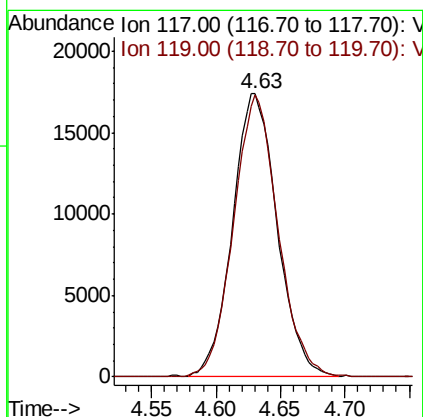
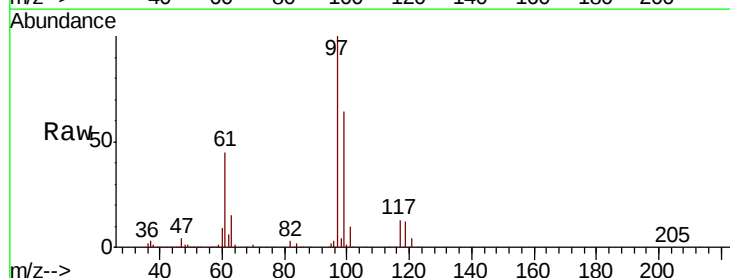
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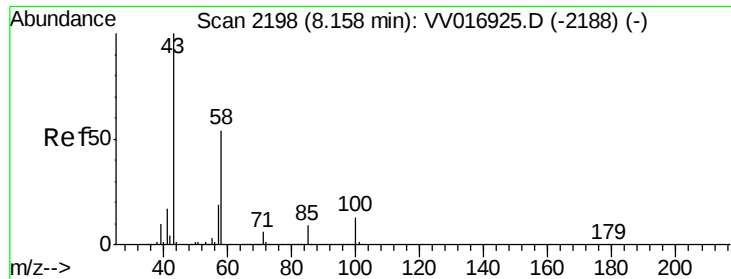
Tot Ion: 97 Resp: 345740
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.3 76.9
 61 44.7 36.7 55.1



#31
 Carbon tetrachloride
 Concen: 11.391 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.22 min
 Lab File: VV016932.D
 Acq: 15 Jun 2020 13:28

Tgt Ion: 117 Resp: 41969
 Ion Ratio Lower Upper
 117 100
 119 98.7 77.4 116.2





#48

2-Hexanone

Concen: 3.540 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016932.D

Acq: 15 Jun 2020 13:28

Instrument :

MSVOA_V

ClientSampleId :

BFXE0DL

Tot Ion: 43 Resp: 9994

Ion Ratio Lower Upper

43 100

58 40.9 43.1 64.7#

57 11.3 15.3 22.9#

100 2.9 10.0 15.0#

